

ENTRY NO. CU125 Date
 Cyclotron Model Cyclone-30
 Institution Amersham Medi+Physics
 Address 900 Durham Ave., So. Plfd., N.J. 07080
 Tel 908-757-0500 Telex
 Fax 908-757-7518 E-MAIL
 In Charge: W.L. McClain Reported by: A. Cichy

HISTORY
 MILESTONE DATES:
 Installation First Beam Oct. 1989
 DESIGN/CONSTRUCTION BY: Ion Beam Applications
 COST: Accelerator Facility
 FUNDED BY:

STATUS
 STAFF: Operators Technicians 5
 BUDGET: Machine Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) Isotope Production 80 %
 (b) Maintenance 20 %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) H^-	15-30	350	350
(b)			

1994 μ A-hours on target: 1.5e6

FACILITIES
 SHIELDED AREA: Fixed: 145 m² Moveable m²
 Target Stations: 4 No. Served At Same Time: 2
 OTHER FACILITIES:

REFERENCES/NOTES
 (a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS

ENTRY NO. CU126 Date 02-OCT-95
 Cyclotron Model JSW 1710
 Institution Brookhaven National Laboratory
 Address Bldg. 901, Upton, New York 11973-5000
 Tel (516) 282-4587 Telex
 Fax (516) 282-7350 E-MAIL
 In Charge: J. S. Fowler Reported by: D. J. Schlyer

HISTORY
 MILESTONE DATES:
 Installation 1981 First Beam 1982
 DESIGN/CONSTRUCTION BY: Japan Steel Works
 COST: Accelerator Facility
 FUNDED BY: DOE/NIH

STATUS
 STAFF: Operators 1 Technicians 0
 BUDGET: Machine 300,000 Funded by
 TIME DISTRIBUTION: (e.g. basic research, isotope production, maintenance, etc.)
 (a) PET isotope production 95 %
 (b) Basic research 5 %
 (c) %
 (d) %
 (e) %

CHARACTERISTIC BEAMS

Accelerated Ions	E/A (MeV/u)	Current (part μ A)	
		Internal	External
(a) H^+	17.4	80	50
(b) D^+	10.0	80	40

1994 μ A-hours on target: 6000

FACILITIES
 SHIELDED AREA: Fixed: 100 m² Moveable 0 m²
 Target Stations: 6 No. Served At Same Time: 1
 OTHER FACILITIES:

REFERENCES/NOTES
 (a)
 (b)

PLAN VIEW OF FACILITY, COMMENTS